

## Example

### Material data declaration / Product specification / IC

Product	Product name/ family name	Electronic component / 47xx					Content of the declaration	Composition declaration				
	Identifier	4711					Version IEC Database	n.A.				
	Package	TO263										
Company	Company	Name, Identifier Address					Date / Version	06.03.2018 / 1.0				
	Contact	Name, E-Mail of contact person					Mass	1556,94				
	Authorizer	Name, E-Mail of authorizer person					Unit	mg				
Item / SubItem Name	ProductPart	Weight [mg]	Material name	Classi- fication	Weight [mg]	Mass Percent	Substance Name	CAS #	Exemptions	Weight [mg]	Mass Percent	
Electronic component	Chip	1,525	silicon	7.2	1,525	0,1	silicon	7440-21-3	-	1,525	100	
	Leadframe	304,421	copper iron alloy	3.2	304,421	19,6	phosphorus	7723-14-0	-	0,091	0,03	
							iron	7439-89-6	-	0,304	0,1	
							copper	7440-50-8	-	304,026	99,87	
							copper	7440-50-8	-	2,74	100	
	Wire	2,74	aluminium	2.1	2,74	0,18	carbon black	1333-86-4	-	10,326	1,5	
							epoxy resin	-	-	113,587	16,5	
							silicondioxide	60676-86-0	-	564,491	82	
	Encapsulation	688,404	epoxy	5.4.3	688,404	44,2	tin	7440-31-5	-	9,657	100	
	Leadfinish	9,657	e-plate Sn	4.2	9,657	0,62	nickel	7440-02-0	no prolonged skin contact expected	0,228	99,6	
	Plating	0,229	e-plate Ni	4.2	0,229	0,015	phosphorus	7723-14-0	-	0,001	0,4	
							tin	7440-31-5	-	0,032	2	
	Solder	1,589	solder	4.2	1,589	0,1	silver	7440-22-4	-	0,04	2,52	
							lead	7439-92-1	RoHS 7a	1,517	95,48	
							phosphorus	7723-14-0	-	0,165	0,03	
Heatspreader	548,378	copper iron alloy	3.2	548,378	35,2	iron	7439-89-6	-	0,548	0,1		
						copper	7440-50-8	-	547,666	99,87		
Legal evaluation	RoHS	The product fulfill the substance requirement										
	REACH	Used exemption: - 7a, Lead in high melting temperature type solders										
	Biocide regulation (528/2012/EU)	The product does not contain substances which have been added to achieve biocidal function										
Comment	<p>This material content declaration contains typical values of the respective groups as defined above. We expressly point out, that all values and statements contained herein are based on our best present knowledge and cannot be regarded as binding elements or binding product specifications, unless otherwise explicitly agreed in writing.</p> <p>This full material declaration is based on information provided by third parties and reasonable steps have been taken to provide representative and accurate information.</p> <p>The suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available.</p> <p>All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development.</p>											
Declarable substance List	e.g. GADSL, IEC62474 database, RISL, ....											
Threshold	as defined in list above											
MaterialClassList (in case classification is used)	VDA231-106											